

1 This listing of claims will replace all prior versions, and listings, of claims  
2 in the application.

3  
4 **Listing of Claims:**

5  
6 Claim 1 (Currently amended): A method of logging a computer system  
7 user out of a server comprising the steps of:

8 receiving a selection of a logout link;

9 generating a logout page for display on a browser being used by the user;

10 causing a request for data from the server to be issued by the browser;

11 ~~expiring-clearing~~ cookies from the browser ~~in accordance with the request~~  
12 by setting the cookies' values to nothing and the cookies' expire time to a past  
13 date;

14 wherein the cookies include data provided to the browser by the server.  
15

16 Claim 2 (Original): The method of claim 1 wherein the request further  
17 causes the server to send an image to the browser which is indicative of successful  
18 logout.  
19

20 Claim 3 (Original): The method of claim 1 wherein multiple servers are  
21 logged out of by selection of a single logout link.  
22

23 Claim 4 (Original): The method of claim 3 wherein the logout link may be  
24 located on any of the multiple servers and an authentication server.  
25

1 Claim 5 (Original): The method of claim 3 wherein a visited sites cookie  
2 maintains a list of all sites logged into by the user.

3  
4 Claim 6 (Original): The method of claim 1 wherein selected cookies are  
5 expired to log out of the server.

6  
7 Claim 7 (Currently amended): A computer readable medium having a  
8 program stored thereon for causing a computer to implement a method of logging a  
9 computer system user out of a server comprising the steps of:

10 receiving a selection of a logout link;

11 generating a logout page for display on a browser being used by the user;

12 causing a request for data from the server to be issued by the browser,  
13 wherein the request causes the server to ~~expire~~ clear cookies from the browser, by  
14 setting the cookies' values to nothing and the cookies' expire time to a past date;

15 wherein the cookies include data provided to the browser by a server.

16  
17 Claim 8 (Original): The computer readable medium of claim 7 wherein the  
18 request further causes the server to send an image to the browser which is  
19 indicative of successful logout.

20  
21 Claim 9 (Original): The computer readable medium of claim 7 wherein  
22 multiple servers are logged out of by selection of a single logout link.

1        Claim 10 (Currently amended):    A method of logging a computer system  
2 user out of multiple servers comprising:

3        receiving a request for a logout page;

4        providing a link to an expire cookies page on each server that when called  
5 causes each server to ~~expire~~ clear cookies on [[the]] a user's browser by setting the  
6 cookies' values to nothing and the cookies' expire time to a past date; and to  
7 provide an image back to the browser upon succeeding in logging the user out,

8        wherein the cookies include data provided to the browsers from a  
9 corresponding one of the servers.

10  
11        Claim 11 (Currently amended):    A system for logging a computer system  
12 user out of multiple servers comprising:

13        means for receiving a request for a logout page; and

14        a module that provides a link to an expire cookies page on each server that  
15 when called causes each server to ~~expire~~ clear cookies on [[the]]a user's browser  
16 by setting the cookies' values to nothing and the cookies' expire time to a past  
17 date, and to provide an image back to the browser upon succeeding in logging the  
18 user out,

19        wherein the cookies include data provided to a browser from an associated  
20 one of the servers, and

21        wherein further the data contains at least one of:

22                a date and time that the user is authenticated by an authentication  
23 server,

24                a profile for the user, and

1 a list of sites visited by the user following a most recent logout from  
2 the authentication server, wherein the sites include web servers.

3  
4 Claim 12 (Previously presented): The system of claim 11 and further  
5 comprising maintaining a list of servers that a user has logged into identified by  
6 site ID.

7  
8 Claim 13 (Previously presented): The system of claim 11 wherein a list of  
9 servers is used to identify the link to each expire cookies page on each server.

10  
11 Claim 14 (Previously presented): The system of claim 11 wherein the  
12 request for a logout page can be initiated via different server pages.

13  
14 Claim 15 (Currently amended): A computer readable medium having a  
15 program stored thereon for causing a computer to implement a method of logging a  
16 computer system user out of multiple servers comprising:

17 receiving a request for a logout page;

18 providing a link to an expire cookies page on each server that when called  
19 causes each server to ~~expire~~ clear cookies on [[the]]a user's browser by setting the  
20 cookies' values to nothing and the cookies' expire time to a past date, and to  
21 provide an image back to the browser upon succeeding in logging the user out,

22 wherein the cookies include data provided to the browser from the server.

1 Claim 16 (Currently amended): A method of logging a computer system  
2 user out of multiple servers comprising:

3 selecting a logout link from an affiliated server;

4 building a page containing an expire cookies URL;

5 sending requests to retrieve an image identified by each expire cookies  
6 URL;

7 ~~retiring-clearing~~ stored cookies by setting the cookies' values to nothing and  
8 the cookies' expire time to a past date; and

9 receiving and displaying an image from multiple servers,

10 wherein the cookies include data provided to a browser from the server.

11  
12 Claim 17 (Currently amended): A computer readable medium having a  
13 program stored thereon for causing a computer to implement a method of logging a  
14 computer system user out of multiple servers comprising:

15 selecting a logout link;

16 building a page containing an expire cookies URL;

17 sending requests to retrieve an image identified by each expire cookies  
18 URL;

19 ~~retiring-clearing~~ stored cookies by setting the cookies' values to nothing and  
20 the cookies' expire time to a past date; and

21 receiving and displaying an image from multiple servers,

22 wherein the cookies include data provided to a browser from a  
23 corresponding one of the servers.

1           Claim 18 (Currently amended): A method of logging out of multiple  
2 domain servers on a network, the method performed by a browser comprising:  
3           requesting a logout page from an authentication server;  
4           receiving source image tags from the authentication server;  
5           issuing get image requests to URLs identified by the image tags;  
6           ~~retiring~~clearing cookies identified by responses to the get image requests,  
7 wherein the clearing is by setting the cookies' values to nothing and the cookies'  
8 expire time to a past date;; and  
9           rendering an image received in responses from the domain servers,  
10          wherein the cookies include data provided to a browser from the  
11 authentication server.

12  
13          Claim 19 (Previously presented): The method of claim 18 wherein the  
14 image comprises a checkmark image.

15  
16          Claim 20 (Original): The method of claim 18 wherein the image tag ensures  
17 that the image will not be retrieved from cache.

18  
19          Claim 21 (Original): The method of claim 18 wherein the image tag  
20 includes a query.

21  
22          Claim 22 (Original): The method of claim 18 wherein the domain servers  
23 logged into are identified in a visited sites data structure.

1           Claim 23 (Original): The method of claim 22 wherein the data structure  
2 comprises a cookie.

3  
4           Claim 24 (Currently amended): A method of logging a computer system  
5 user out of multiple servers comprising:

6           receiving a request for a logout page;

7           providing a link to an expire cookies page on each server in the form of an  
8 image source tag that when called causes each server to ~~expire~~ clear cookies on  
9 both the server and user's browser by setting the cookies' values to nothing and the  
10 cookies' expire time to a past date, and to provide an image back to the browser  
11 upon succeeding in logging out the user,

12           wherein the cookies include data provided to the browser from an  
13 authentication server.

14  
15           Claim 25 (Previously presented): The method of claim 24 wherein a data  
16 structure of a visited site is maintained identifying the multiple servers that are  
17 logged into.

18  
19           Claim 26 (Original): The method of claim 24 wherein the request is initiated  
20 by the selection of a logout link.

21  
22           Claim 27 (Original): The method of claim 24 wherein the logout link may  
23 be provided on one or more of the multiple servers logged into, an affiliated  
24 server, and an authentication server.

25

1 Claim 28 (Original): The method of claim 24 wherein the cookies comprise  
2 user personal information.

3  
4 Claim 29 (Currently amended): A logout page for display on a browser  
5 used to log a user out of multiple servers, the logout page comprising:

6 a plurality of image tags, each image tag corresponding to one of the  
7 multiple servers;

8 each image tag providing a URL that causes a server associated with the  
9 image tag to expire clear cookies by setting the cookies' values to nothing and the  
10 cookies' expire time to a past date; and

11 each image tag forcing the browser to fetch the image from the associated  
12 server,

13 wherein the cookies include data provided to a browser from an associated  
14 one of the servers, and

15 wherein further the data contains at least one of:

16 a date and time that the user is authenticated by an authentication  
17 server,

18 a profile for the user, and

19 a list of sites visited by the user following a most recent logout from  
20 the authentication server, wherein the sites include web servers.

21  
22 Claim 30 (Original): The logout page of claim 29 wherein each image tag  
23 contains a query string parameter.  
24  
25



1 Claim 31 (Currently amended): A method of generating a logout page for  
2 display on a browser used to log a user out of multiple servers, the method  
3 comprising:

4 obtaining a visited sites data file which identifies each server logged into;  
5 generating a plurality of image tags, each image tag corresponding to one of  
6 the multiple servers;

7 providing a URL in each image tag that causes a server associated with the  
8 image tag to expire clear cookies by setting the cookies' values to nothing and the  
9 cookies' expire time to a past date,

10 wherein the cookies include data provided to a browser from an associated  
11 one of the servers, and

12 wherein further the data contains at least one of:

13 a date and time that the user is authenticated by an authentication  
14 server,

15 a profile for the user, and

16 a list of sites visited by the user following a most recent logout from  
17 the authentication server, wherein the sites include web servers.

18  
19 Claim 32 (Previously presented): The method of claim 31 wherein each  
20 image tag contains a query string parameter causing the browser to fetch an image  
21 from the associated server with the image tag with a separate transaction.  
22  
23  
24  
25

1 Claim 33 (Previously presented): The method of claim 1, wherein the data  
2 contains at least one of:

3 a date and time that the user is authenticated by an authentication server,  
4 and  
5 a profile for the user.

6  
7 Claim 34 (Previously presented): The computer-readable medium of claim  
8 7, wherein the data contains at least one of:

9 a date and time that the user is authenticated by an authentication server,  
10 a profile for the user, and  
11 a list of sites visited by the user following a most recent logout from the  
12 authentication server, wherein the sites include web servers.

13  
14 Claim 35 (Previously presented): The method of claim 10, wherein the  
15 data contains at least one of:

16 a date and time that the user is authenticated by an authentication server,  
17 a profile for the user, and  
18 a list of sites visited by the user following a most recent logout from the  
19 authentication server, wherein the sites include web servers.

1           Claim 36 (Previously presented): The computer-readable medium of claim  
2 15, wherein the data contains at least one of:

3           a date and time that the user is authenticated by an authentication server,

4           a profile for the user, and

5           a list of sites visited by the user following a most recent logout from the  
6 authentication server, wherein the sites include web servers.

7  
8           Claim 37 (Previously presented): The method of claim 16, wherein the  
9 data contains at least one of:

10          a date and time that the user is authenticated by an authentication server,

11          a profile for the user, and

12          a list of sites visited by the user following a most recent logout from the  
13 authentication server, wherein the sites include web servers.

14  
15          Claim 38 (Previously presented): The computer-readable medium of claim  
16 17, wherein the data contains at least one of:

17          a date and time that the user is authenticated by an authentication server,

18          a profile for the user, and

19          a list of sites visited by the user following a most recent logout from the  
20 authentication server, wherein the sites include web servers.

1 Claim 39 (Previously presented): The method of claim 18, wherein the  
2 data contains at least one of:

3 a date and time that the user is authenticated by an authentication server,  
4 a profile for the user, and  
5 a list of sites visited by the user following a most recent logout from the  
6 authentication server, wherein the sites include web servers.

7  
8 Claim 40 (Previously presented): The method of claim 24, wherein the  
9 data contains at least one of:

10 a date and time that the user is authenticated by an authentication server,  
11 a profile for the user, and  
12 a list of sites visited by the user following a most recent logout from the  
13 authentication server, wherein the sites include web servers.